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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/624,285	07/24/2000	Michael Maguire	555255012115	6347

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EXAMINER

BURGE, LONDRA C

ART UNIT PAPER NUMBER

2178

DATE MAILED: 04/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/624,285

Applicant(s)

MAGUIRE, MICHAEL

Examiner

Londra C Burge

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 2/2/2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 22-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 02 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. This action is responsive to communications: amendment filed 2/5/2004 to the application, filed on 07/24/2000
2. In the amendment, claims 1-21 have been cancelled and claims 22-33 have been added. Accordingly, claims 22-33 are pending in the case. Claim 22 is an independent claim.
3. Acknowledgement is made of the amendment to the Specification, on page 8, beginning at line 19, and continuing on to page 9, line 3.
4. The rejection of Claims 1-9, 11-16 and 18-21 under 35 U.S.C. 102(a) as being anticipated by Bickmore et al. and the rejection of Claims 10 and 17 under 35 U.S.C. 103(a) as being unpatentable over Bickmore et al. in view of King et al. have been withdrawn as the claims have been cancelled.

Drawings

5. The drawings were received on 2/2/2004. These drawings are accepted.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 22-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bickmore, et al. (herein after Bickmore) European Patent No. EP0949571 in view of

Baecker et al. (herein after Baecker) U.S. Patent 5,479,602 (Provided to the applicant in the previous office action).

In regard to independent claim 22, Bickmore discloses *A method of providing an information page to a handheld viewing device, comprising the steps of: requesting an information page at the handheld viewing device (Bickmore Paragraph 22 Line 3); retrieving the information page from a remote system (Bickmore Paragraph 29 Line 13); if the information page includes a plurality of frames (Bickmore Figure 2), then generating an abbreviated version of the information page (Bickmore Figure 1), and an image map (Bickmore Paragraph 131); and transmitting the abbreviated version of the information page to the handheld viewing device. (Bickmore Paragraph 77 Lines 42-43)*

Bickmore does not specifically mention a Graphical representation of the information page. However, Baecker mentions the document or file associated with the icon (Baecker Abstract) It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply Baecker to Bickmore, providing Bickmore the benefit of using icons to represent documents which is generated upon the occurrence of a predetermined event, such as the closure of the document or file associated with the icon as taught by Bickmore Col 3 Lines 15-19.

Bickmore does not specifically mention locations. However Baecker teaches If the folder is set up in an icon display format, the folder is scanned to determine the existence and location of each of the icons contained within the folder. (Baecker Col 6 Lines 59-65) It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply Baecker to Bickmore, providing Bickmore the benefit of displaying the static reduced visual

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versions in a serial sequence at said location on the display screen as taught by Baecker Col 10 Lines 55-56.

In regard to dependent claim 23, Bickmore discloses *providing a gateway device for receiving the request from the handheld viewing device* (Bickmore Paragraph 77 Line 34) *and for retrieving the information page from the remote system.* (Bickmore Paragraph 29 Line 13)

In regard to dependent claim 24, Bickmore discloses *coupling the gateway device to the handheld viewing device via a wireless network.* (Bickmore Paragraph 73 Lines 1-3)

In regard to dependent claim 25, Bickmore discloses *coupling the gateway device to the remote system via a wired network.* (Bickmore Paragraph 100 Line 26)

In regard to dependent claim 26, Bickmore discloses *wherein the wired network is the Internet, and the remote system is a world-wide-web server.* (Bickmore Paragraph 24 Line 53-56)

In regard to dependent claim 27, Bickmore discloses *wherein the information page is a web page.* (Bickmore Paragraph 118 Line 24 i.e. Web document)

In regard to dependent claim 28, Bickmore discloses *wherein the gateway device stores the information page in a cache* (Bickmore Paragraph 116 Line 9) *and generates the abbreviated version* (Bickmore Figure 1) *thereof, including the image map.* (Bickmore Figure 5 & 9 Paragraph 91 Line 18)

Bickmore does not specifically mention a Graphical representation of the information page. However, Baecker mentions the document or file associated with the icon (Baecker Abstract) It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply Baecker to Bickmore, providing Bickmore the benefit of using icons to

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represent documents which is generated upon the occurrence of a predetermined event, such as the closure of the document or file associated with the icon as taught by Bickmore Col 3 Lines 15-19.

In regard to dependent claim 29, Bickmore discloses *the handheld viewing device* (Bickmore Paragraph 77 Line 34); *selecting a portion of the ...* (Bickmore Paragraph 91); *accessing the image map* (Bickmore Paragraph 53 Line 32) *to determine a frame that corresponds to the portion of the ... selected* (Bickmore Figure 5 & 9 Paragraph 91 Line 18); *and retrieving a ... of the selected frame* (Bickmore Figure 5 & 9 Paragraph 91 Line 18) *and displaying it on the handheld viewing device.* (Bickmore Paragraph 77 Line 34)

Bickmore does not specifically mention a Graphical representation of the information page. However, Baecker mentions the document or file associated with the icon (Baecker Abstract) It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply Baecker to Bickmore, providing Bickmore the benefit of using icons to represent documents which is generated upon the occurrence of a predetermined event, such as the closure of the document or file associated with the icon as taught by Bickmore Col 3 Lines 15-19.

In regard to dependent claim 30, Bickmore discloses *providing a uniform resource locator (URL)* (Bickmore Paragraph 143 Line 36) *associated with each of the plurality of frames* (Bickmore Figure 2) *identified by the image map* (Bickmore Paragraph 131); *and transmitting one of the uniform resource locators* (Bickmore Paragraph 143 Line 36) *to the remote system* (Bickmore Paragraph 29 Line 13)

Bickmore does not specifically mention a Graphical representation of the information page. However, Baecker mentions the document or file associated with the icon (Baecker Abstract) It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply Baecker to Bickmore, providing Bickmore the benefit of using icons to represent documents which is generated upon the occurrence of a predetermined event, such as the closure of the document or file associated with the icon as taught by Bickmore Col 3 Lines 15-19.

In regard to dependent claim 31, Bickmore does not specifically mention a bitmap. However, Baecker mentions a bitmap (Baecker Col 4 Line 3-4) It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply Baecker to Bickmore, providing Bickmore the benefit of using the icon bitmap as a small portion of random access memory, or a portion of the data storage device that is used to store a computer compatible representation of the icon as taught by Baecker Col 5 Lines 13-29.

In regard to dependent claim 32, Bickmore discloses *if the information page does not include a plurality of frames* (Bickmore Figure 5), *then transmitting the information page to the handheld viewing device without abbreviating it into the ... and the image map.* (Bickmore Paragraph 94 Lines 49)

Bickmore does not specifically mention a Graphical representation of the information page. However, Baecker mentions the document or file associated with the icon (Baecker Abstract) It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply Baecker to Bickmore, providing Bickmore the benefit of using icons to represent documents which is generated upon the occurrence of a predetermined event, such as

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the closure of the document or file associated with the icon as taught by Bickmore Col 3 Lines 15-19.

In regard to dependent claim 33, Bickmore discloses *prior to the transmitting step*, (Bickmore Paragraph 90 Lines 14) *reducing the size of the ... of the information page* (Bickmore Figure 5) *to match the display characteristics of the handheld viewing device*. (Bickmore Paragraph 77 Lines 42-43)

Bickmore does not specifically mention a Graphical representation of the information page. However, Baecker mentions the document or file associated with the icon (Baecker Abstract) It would have been obvious to one of ordinary skill in the art at the time the invention was made to apply Baecker to Bickmore, providing Bickmore the benefit of using icons to represent documents which is generated upon the occurrence of a predetermined event, such as the closure of the document or file associated with the icon as taught by Bickmore Col 3 Lines 15-19. (Baecker Col 6 Lines 59-65)

Response to Amendment

8. Applicant's arguments with respect to claims 22-33 have been considered but are deemed to be moot in view of the new grounds of rejection.

Applicant argues that Bickmore does to mention the concept of "frames", however Bickmore Figure 2 shows a document containing frames. The applicant also argues the Bickmore does not mention generating a graphical representation, However, Baecker mentions a graphical representation of the information page (Baecker Abstract). Nor does it mention generating an

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image map that identifies the locations of the plurality of frames. Bickmore mentions a Image map in Paragraph 131. Baecker mentions locations

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

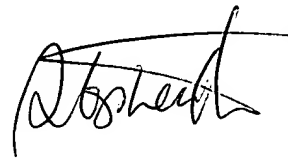
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Londra C Burge whose telephone number is 703-305-8784. The examiner can normally be reached on 8:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 703-308-5186. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Londra C. Burge
3-31-2004



STEPHEN S. HONG
PRIMARY EXAMINER